

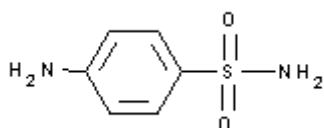


PRODUCT CODE: 142823

Sulfanilamide (Ph. Fr., DAB) pure, pharma grade

$C_6H_8N_2O_2S$

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M.= 172,21

CAS [63-74-1]

EINECS 200-563-4

TARIC 2935 90 90 99

SYNONYMS: 4-Aminobenzenesulphonamide, p-Anilinesulphonamide, p-Sulphamidaniline

PHYSICAL DATA: Small crystals, White, Soluble in water 6 g/l at 20 °C Soluble in alcohol 28 g/l M.P.: 164,5 - 166,5 °C • pH(0.5 % sol.) 5,8 - 6,1 •

BIBLIOGRAPHY: Merck Index **12**, 9.094 13, 9.010 Sax **SNM500** • Römp **8**, **4043** • Beilstein **14**, **698 IV**, **2658** • BRN 511852 • BP.2018 • Ph. Eur. **9.0** (2017) 14639.0 (2017) **8.0** (2014) 2513 • Ph. Fr. IX, DAB 7, 909 •

HAZARDOUS: RTECS: WO 8400000 • LD50 oral rat 3.900 mg/kg • LD50 ipr mus 5 mg/kg

SPECIFICATIONS:

Assay (HPLC.) calc. a.d.s.	99-101 %
Identity :	
Identity	IR passes test
Melting range	164-167°C
Maximum limit of impurities	
Acidity	passes test
Insoluble matter in HCl	passes test

Insoluble matter in NaOH	passes test
Loss on drying at 105°C	0,5%
Residue on ignition (as SO ₄)	0,1 %
Chloride (Cl)	0,01%
Sulfate (SO ₄)	0,02%
Heavy metals (as Pb)	0,002%
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1.300 ppm

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